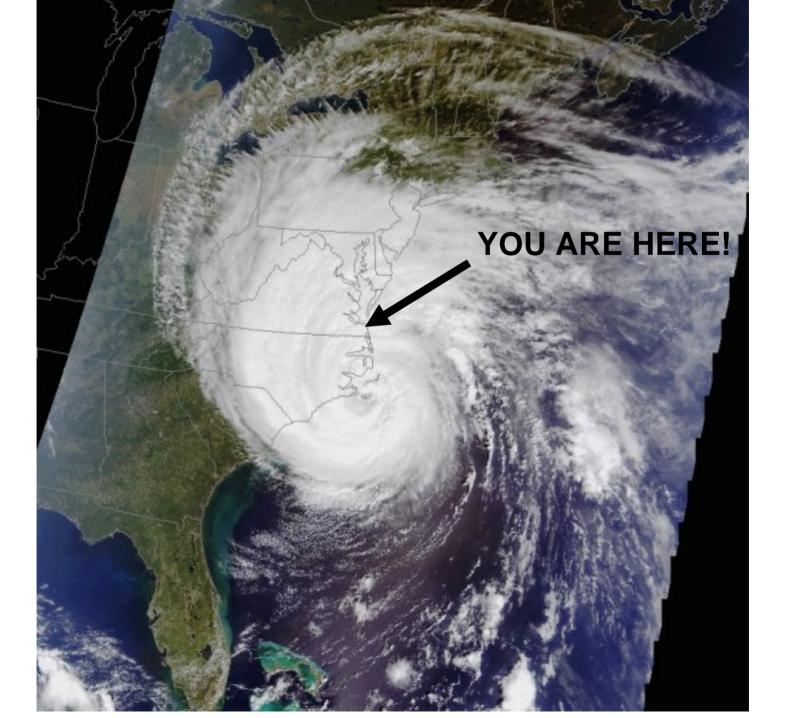
GIS In the City of Chesapeake Debris Management Planning

Eric J. Martin, P.E. City Engineer

Virginia Emergency Management Conference March 11, 2008

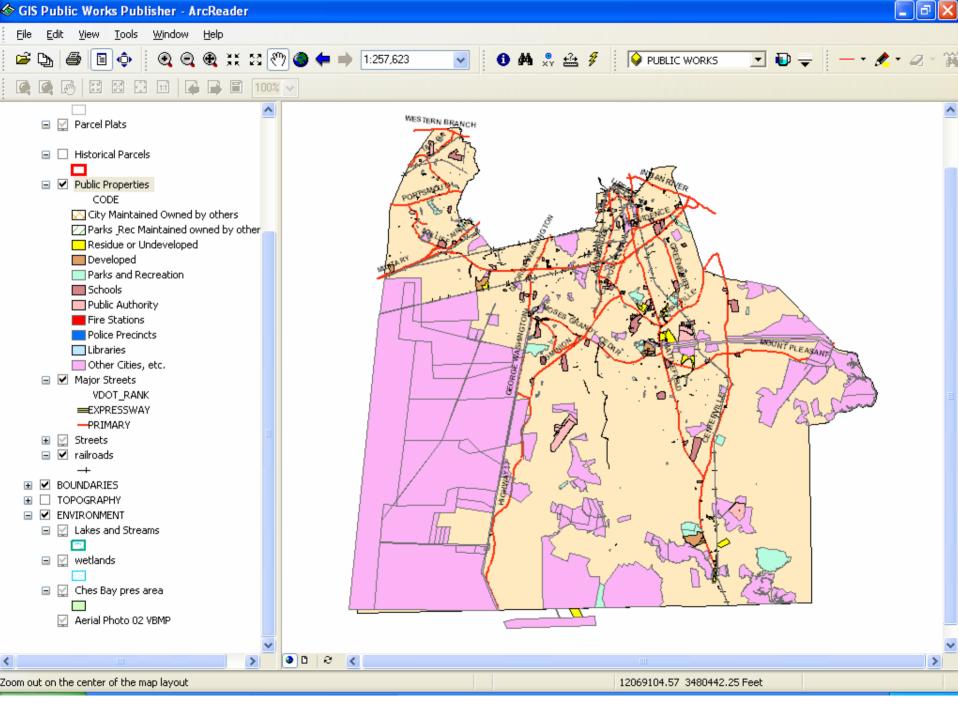


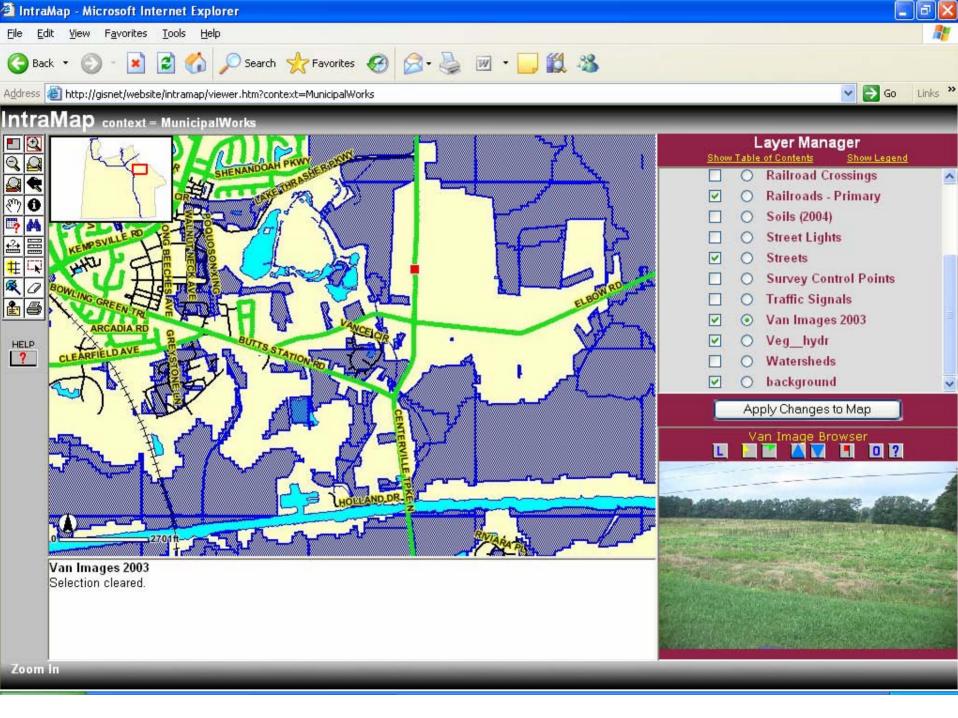
Overview

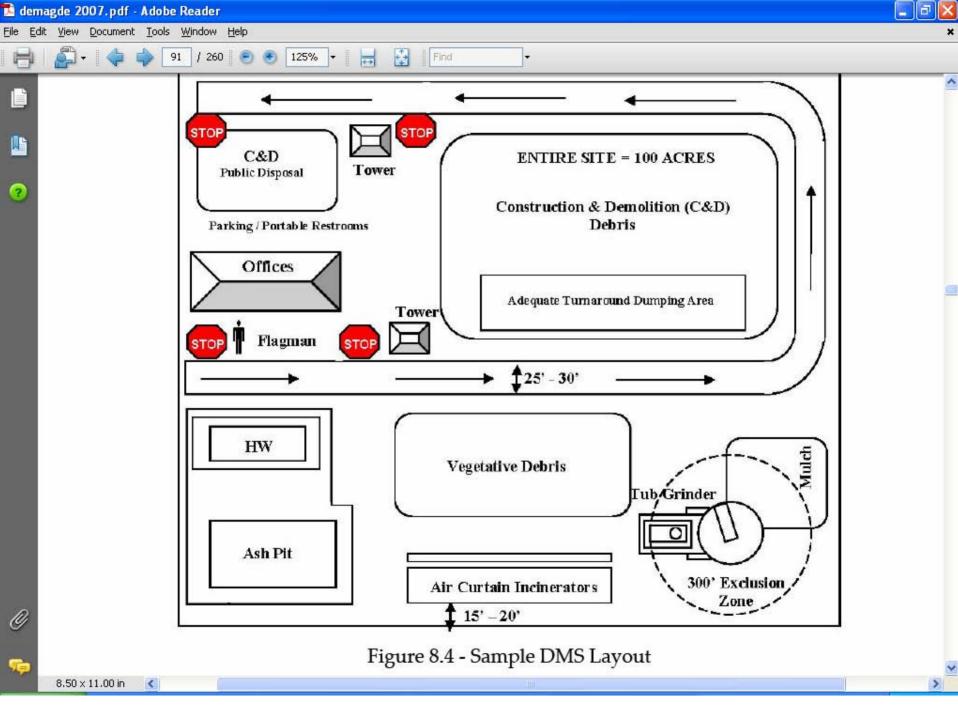
- Pre-Planning
 - Debris Site Selection
 - Debris Site Plans
 - Debris Routes
 - Debris Clearance Zones
- During Event
 - Tracking trees / power lines down
 - Tracking roads cleared initial sweep
- Post Event
 - Debris Zones cleared (FEMA / citizen reporting)

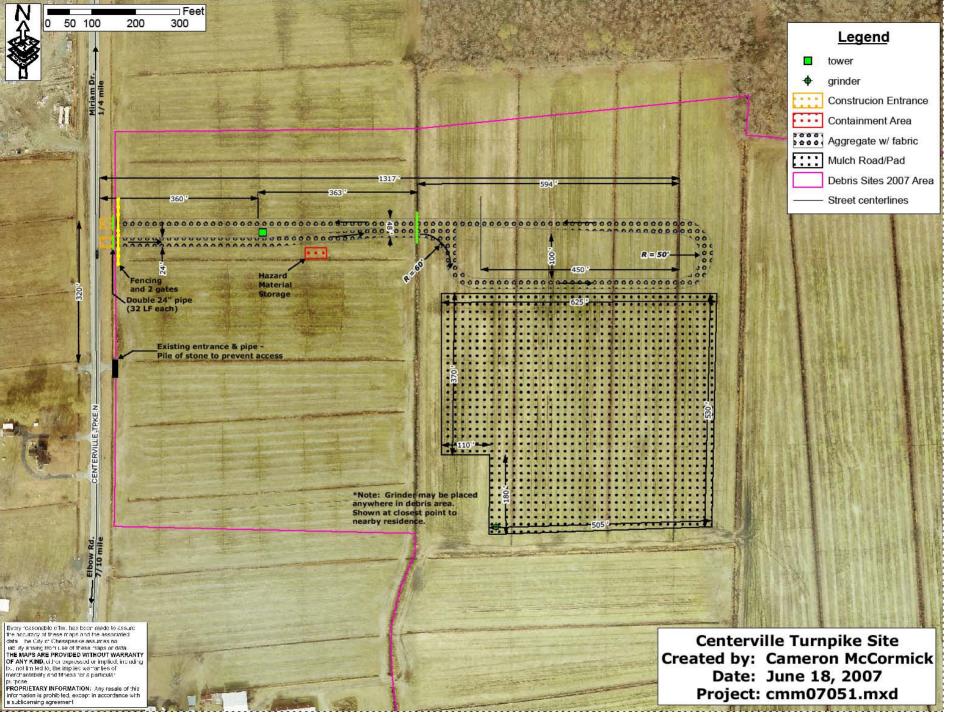
Pre-Planning

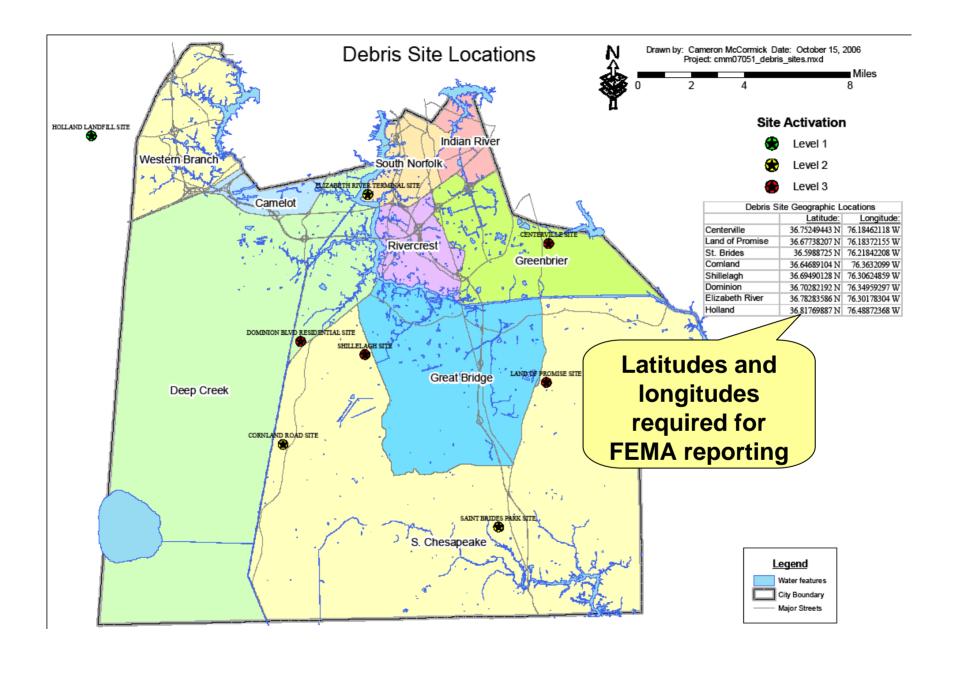
- Debris Site Selection
 - Ideal site vs. available land considerations
 - Public vs. private ownership
 - Size 100 AC per 1 M CY (60% buffers, roads, etc.)
 - Environmental constraints wetlands, stream buffers
 - Minimization of haul distances
 - Safe use of tub grinders and air curtain burners
 - What not to pick
 - schools /parks
 - potential tent cities





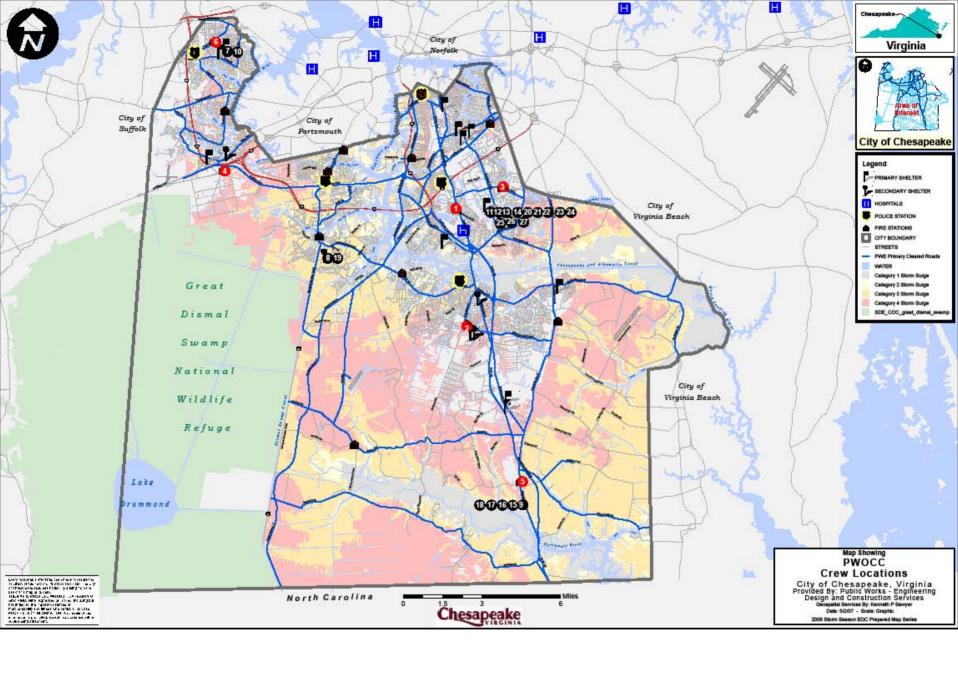


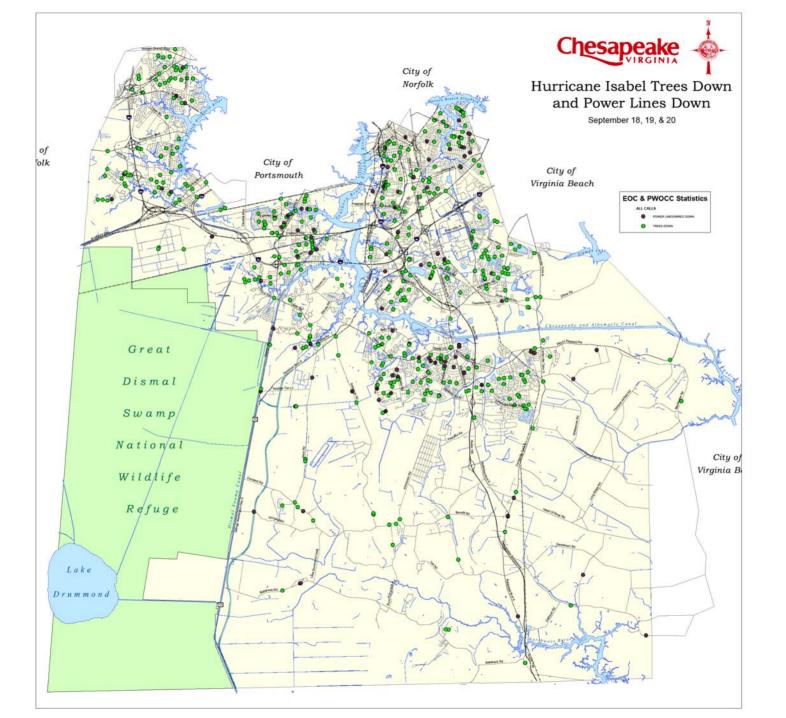


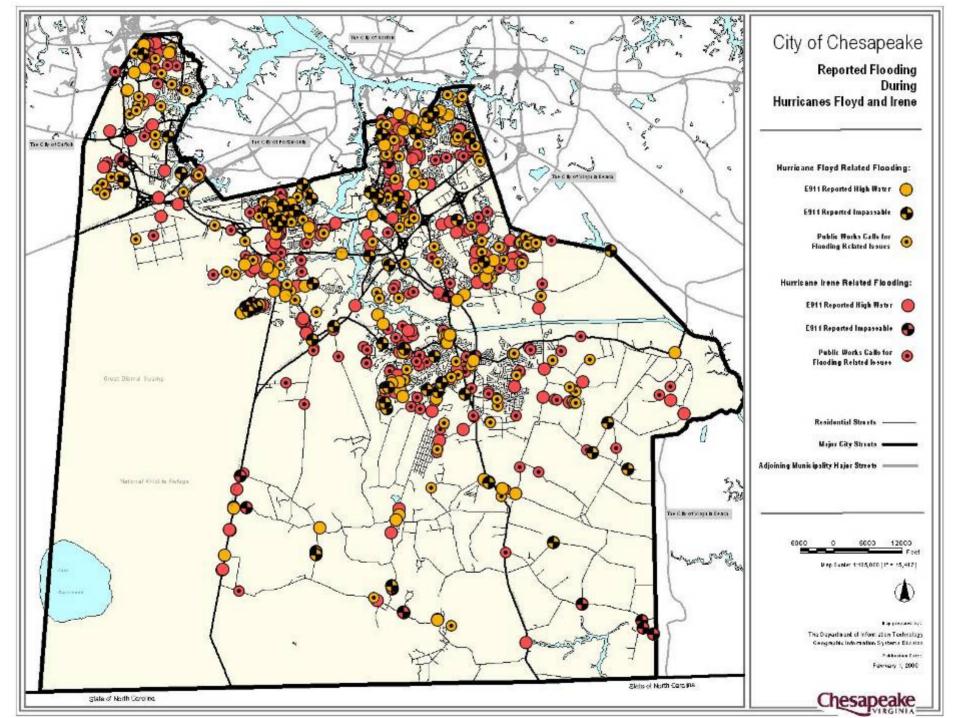


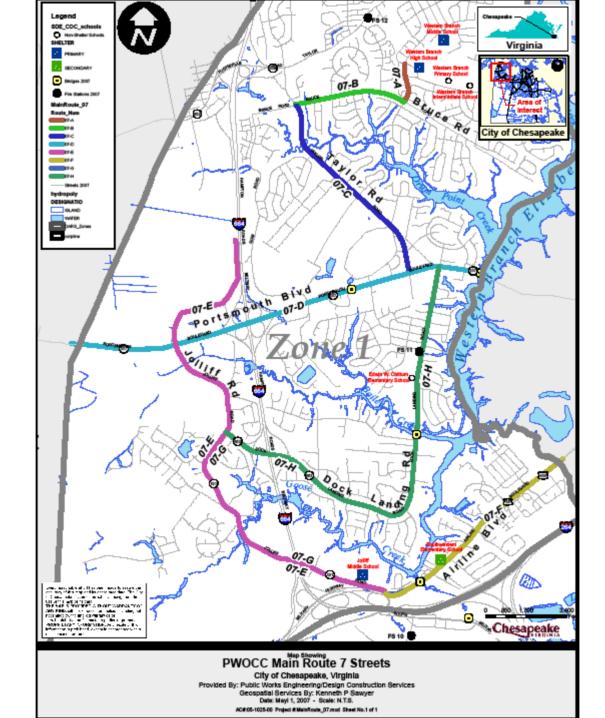
During Event

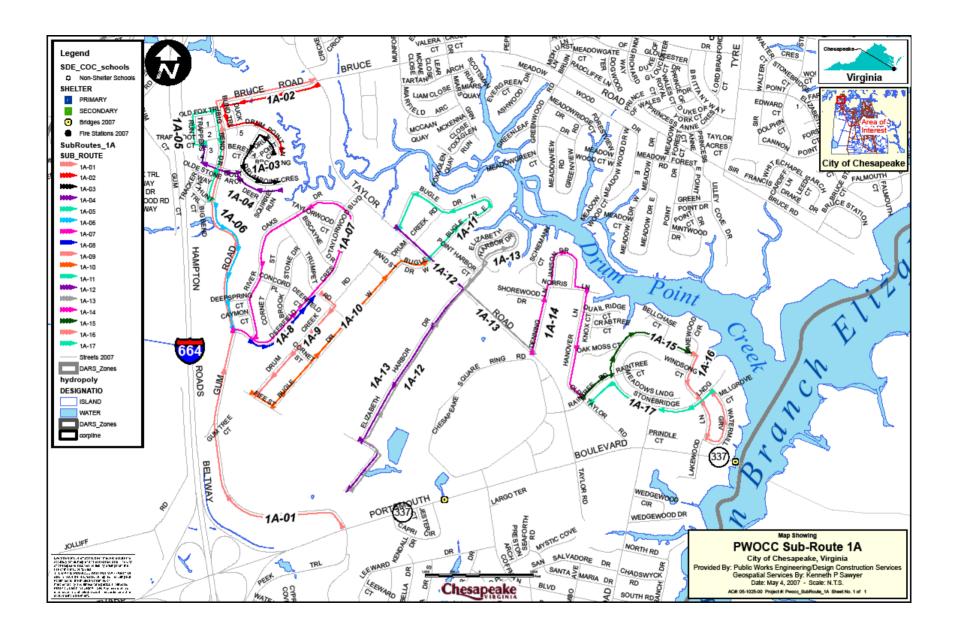
- Tracking trees / power lines down
- Tracking roads cleared initial sweep





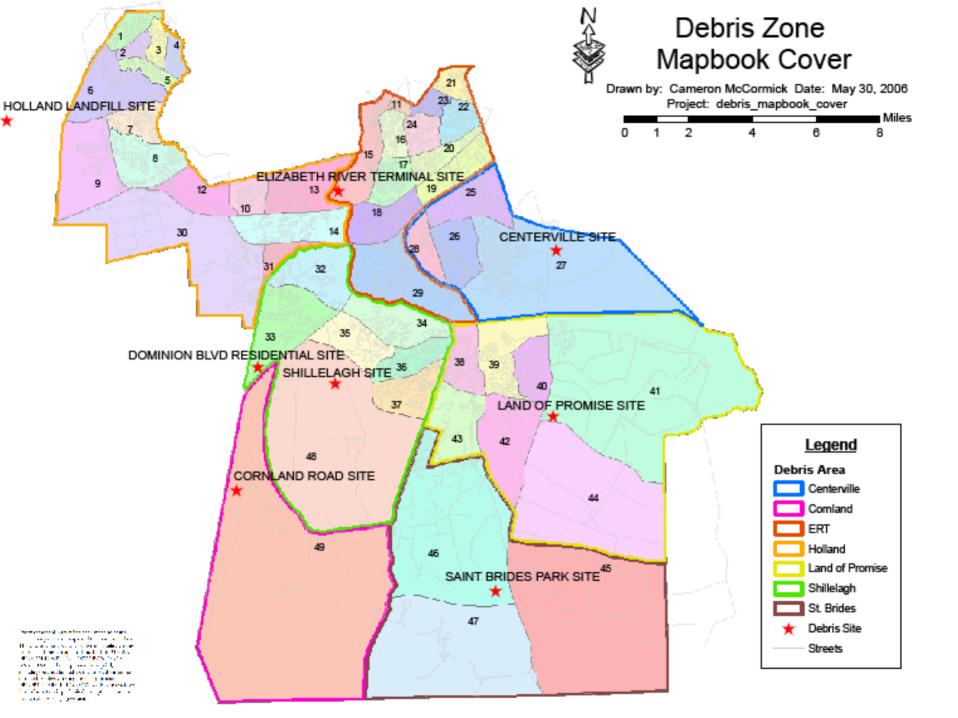


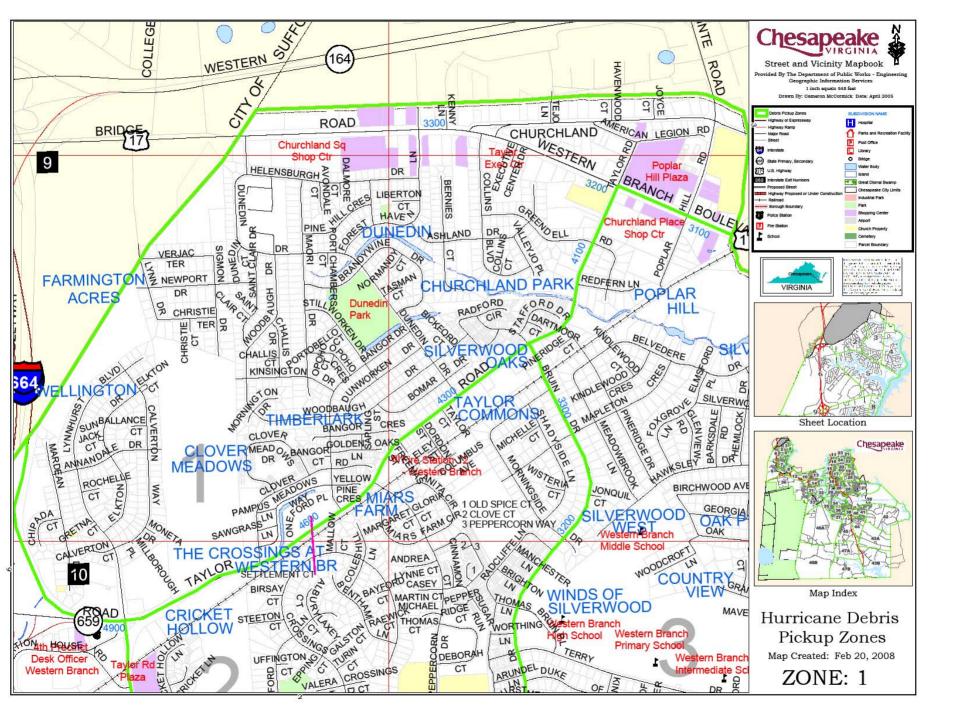


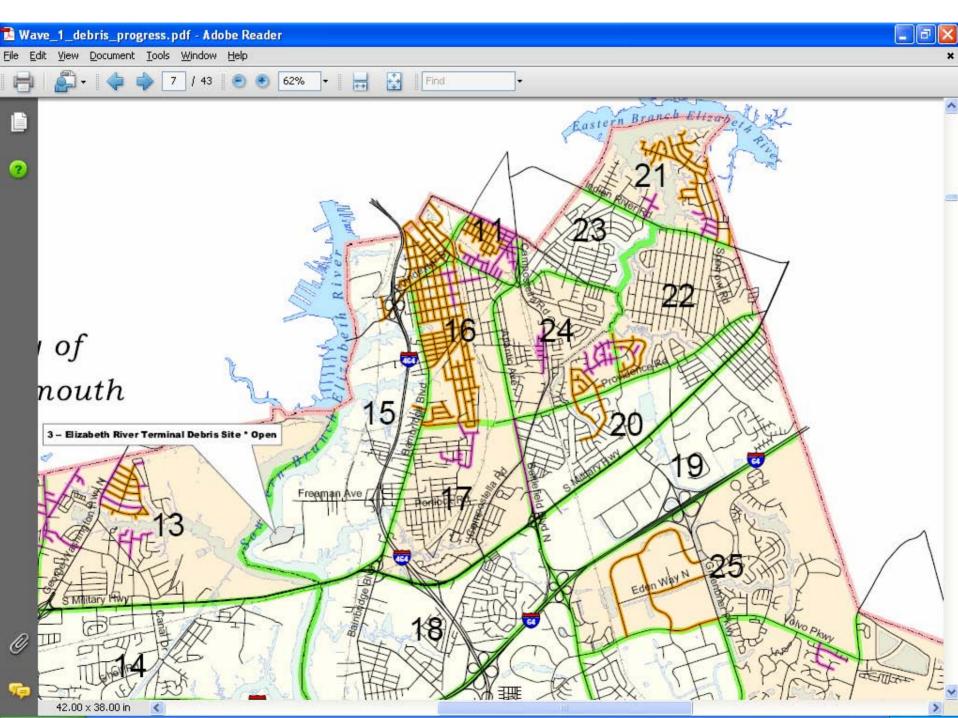


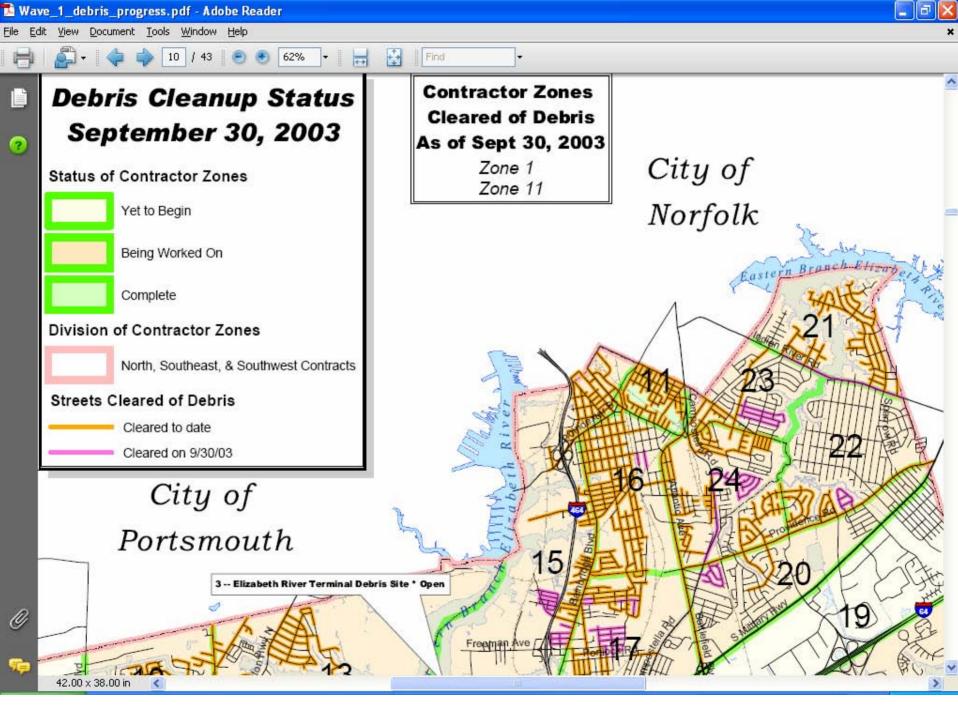
Post Event

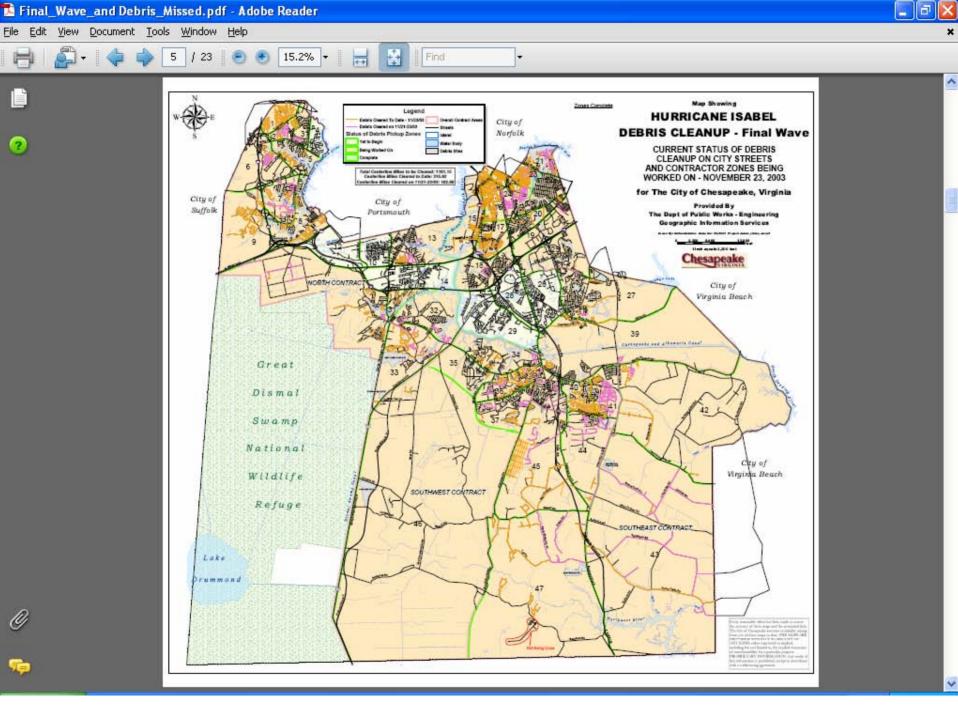
- Debris Zones cleared (FEMA / citizen reporting)



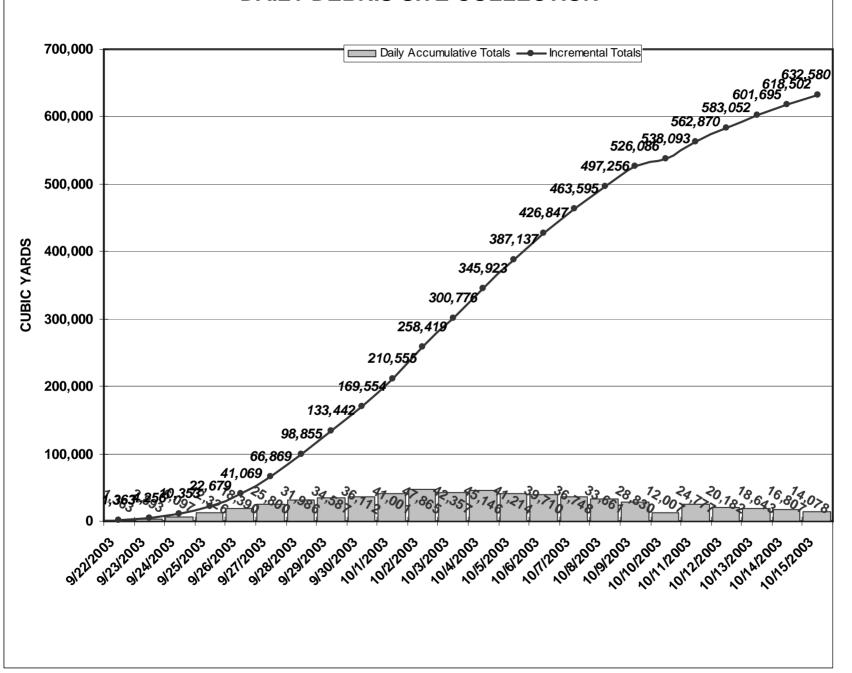


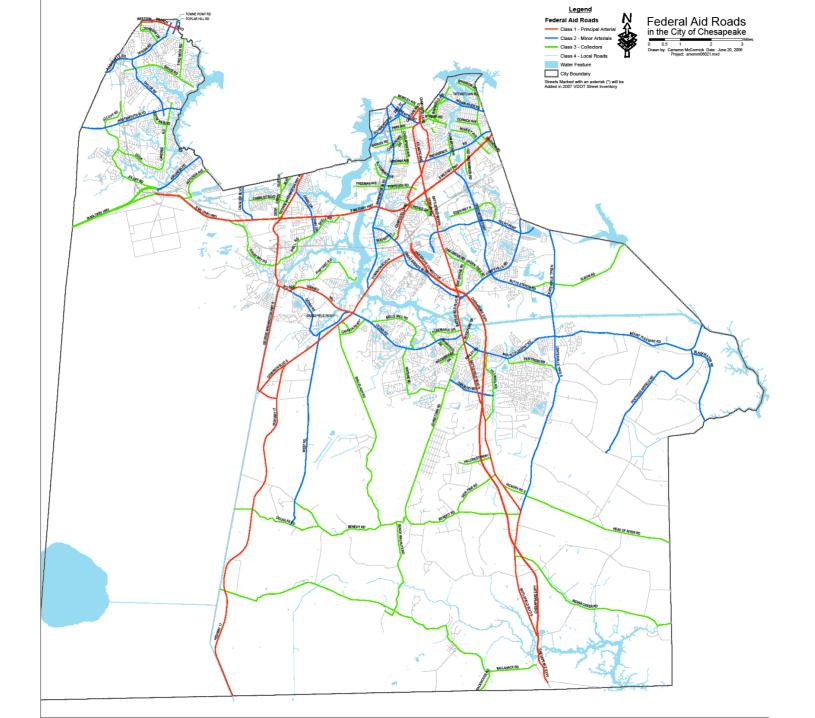


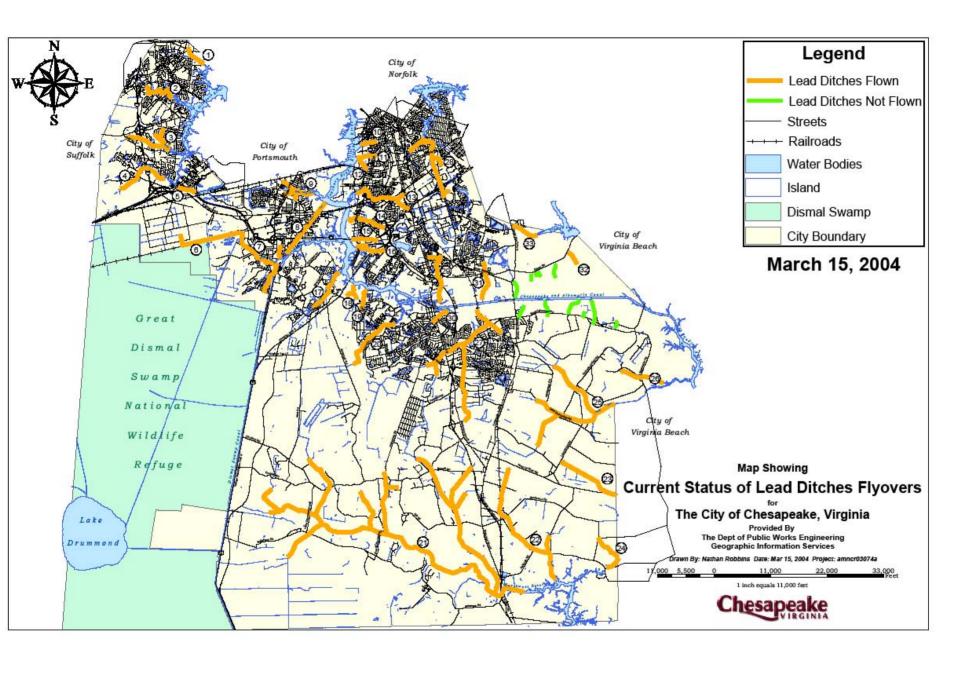




DAILY DEBRIS SITE COLLECTION







Questions?

Email: emartin@cityofchesapeake.net

Copy of this presentation, our technical manual on plotting road clearing and the FEMA Debris Manual are on the CDs available.